

SWP Water Quality Summary

April 15, 2004

Total Dissolved Solids: TDS concentration has consistently remained below 220 mg/l at Banks PP, Barker Slough and Vallecitos, since February; however, Barker Slough had a slight increase to 260 mg/l, on April 12, 2004. TDS concentrations from other locations were below Article 19 Monthly Average Objective. Check 29 had the highest concentrations of about 276 mg/l, which occurred on March 15, 2004 in the California Aqueduct.

Bromide concentrations. Bromide concentrations remained the same at Banks Pumping Plant, Devil Canyon, Barker Slough, and Vallecitos; with checks 29 and 41 exhibiting similar pattern. Checks 41 and 29, showed a high of .15 and .16 mg/l on March 19, and April 3, 2004, respectively. Slight increase on bromide concentrations was observed in Barker Slough and Vallecitos on April 13, 2004.

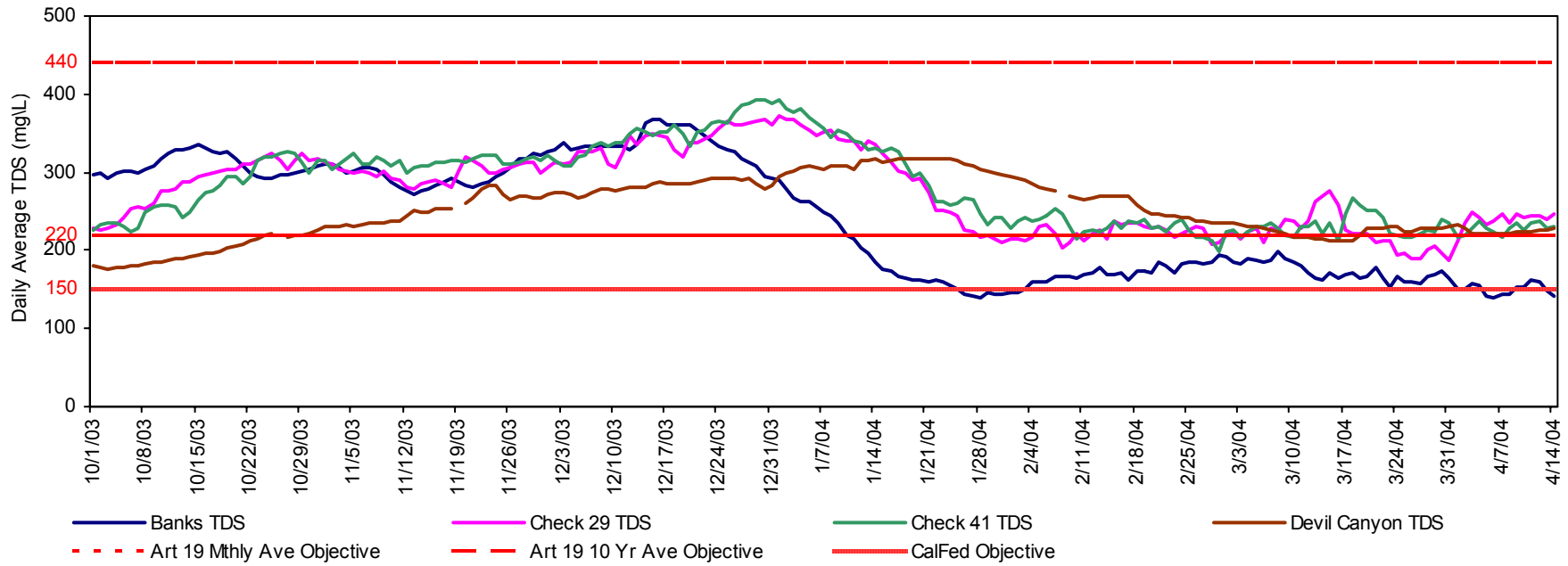
Turbidity: Turbidity concentrations continued to maintain the same pattern at Devil Canyon, Checks 29 and 41. Whereas, concentrations in Banks Pumping Plant and Barker Slough continued to fluctuate.

Dissolved Organic Carbon: Significant drops in DOC concentrations were observed at Banks Pumping Plant, Checks 13, and 41 as compared to last five weeks data. Concentrations at Banks Pumping Plant remained slightly above CALFED TOC Objective. Checks 13 and 41 recorded a low of 2.7 and 2.4 mg/l., which occurred on April 13, 2004.

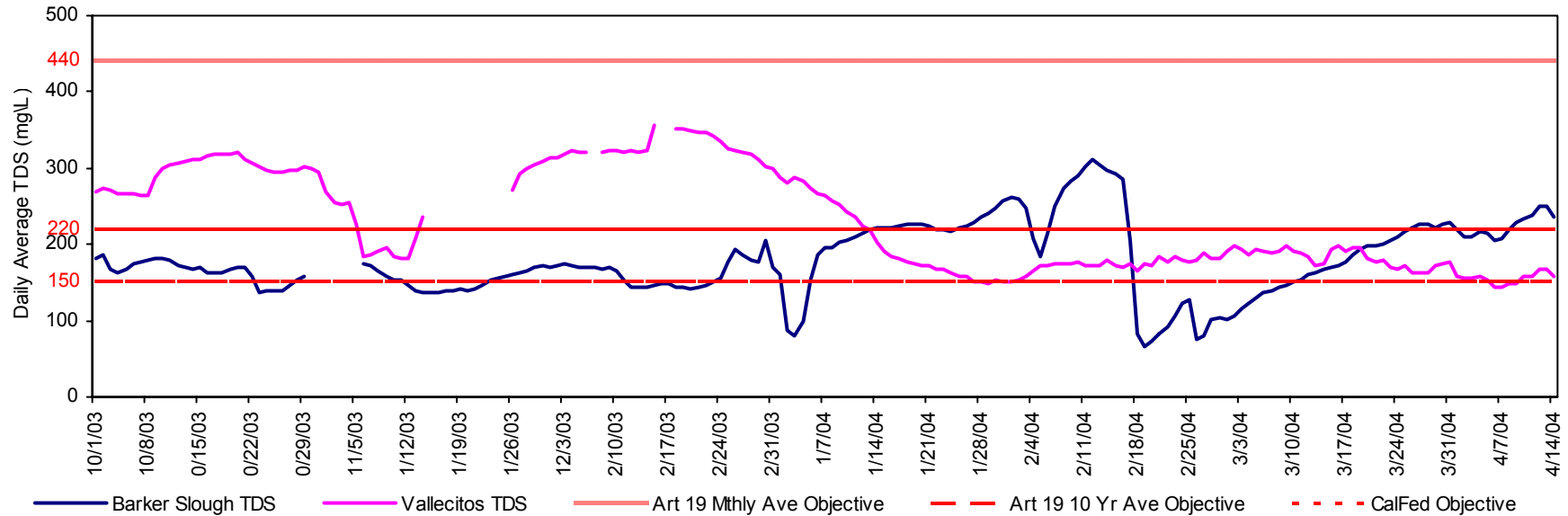
Taste and Odor Compounds: MIB and geosmin continued to be low project wide. However, geosmin has been increasing at the Clifton Court Forebay Inlet during the past month. MIB and geosmin were below detection in Lake Del Valle. South Bay Aqueduct was treated with copper sulfate on March 23 and April 6 to control filter-clogging algae.

Ground Water Pump-in: No ground water pump-in during May 2003 through April 2004.

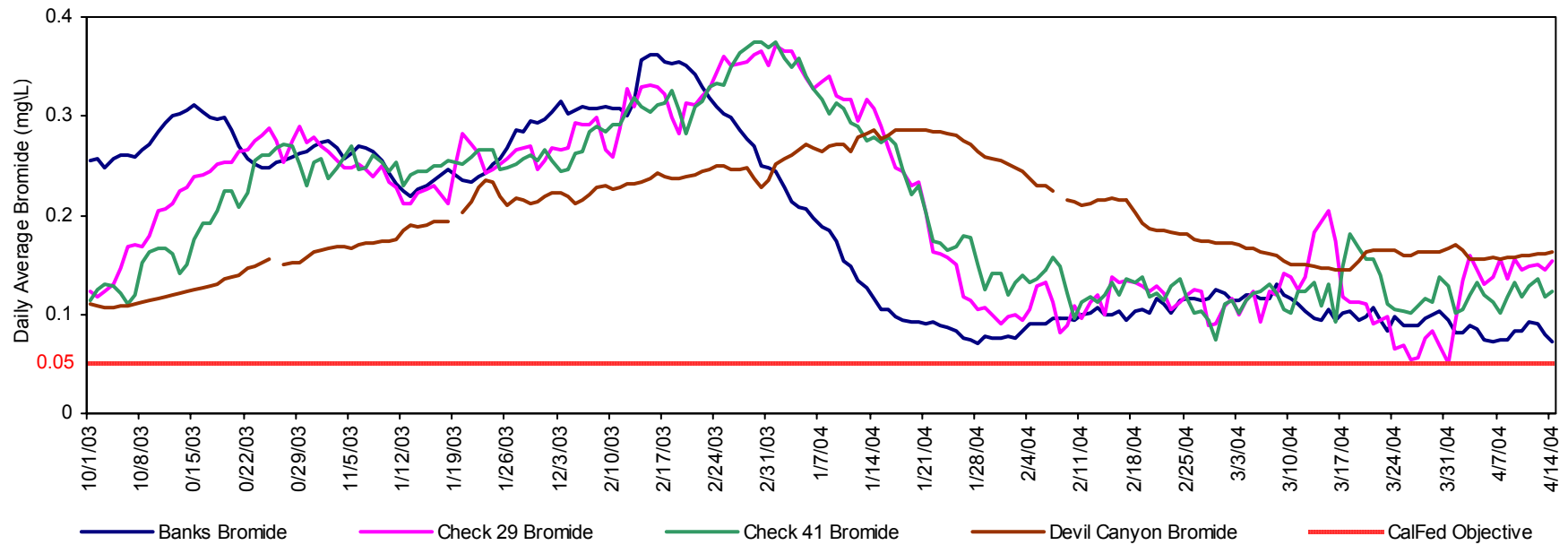
California Aqueduct - Calculated Total Dissolved Solids



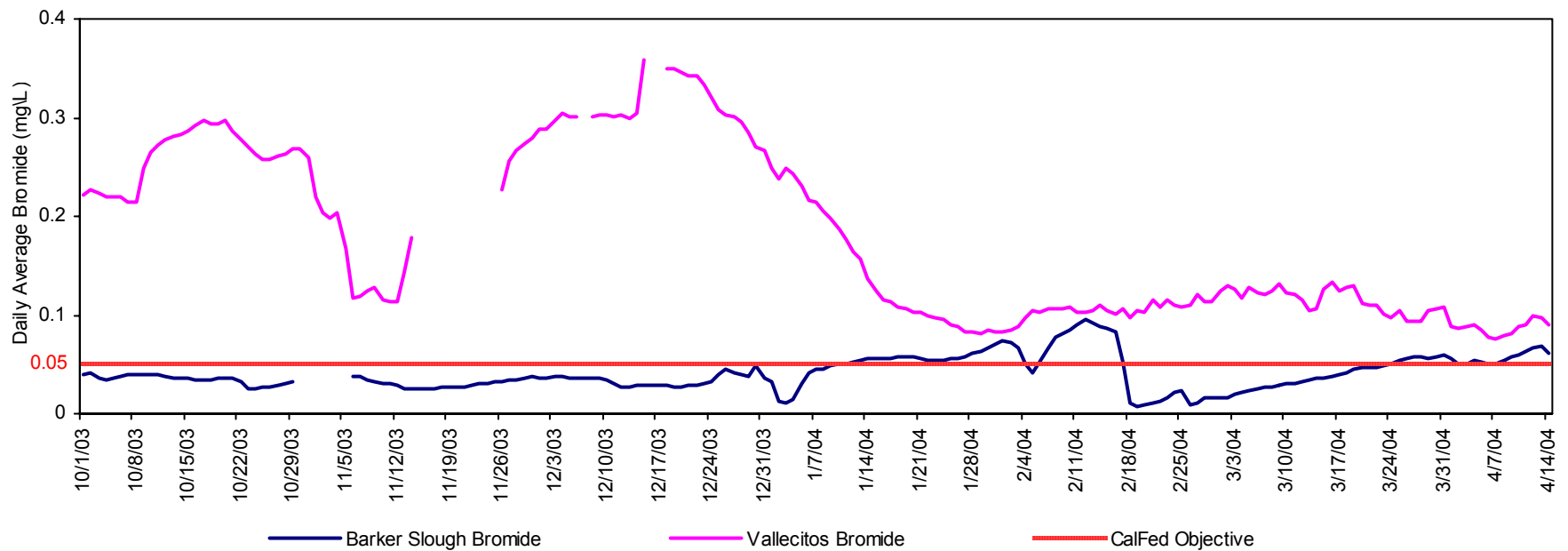
North and South Bay Aqueduct - Calculated Total Dissolved Solids



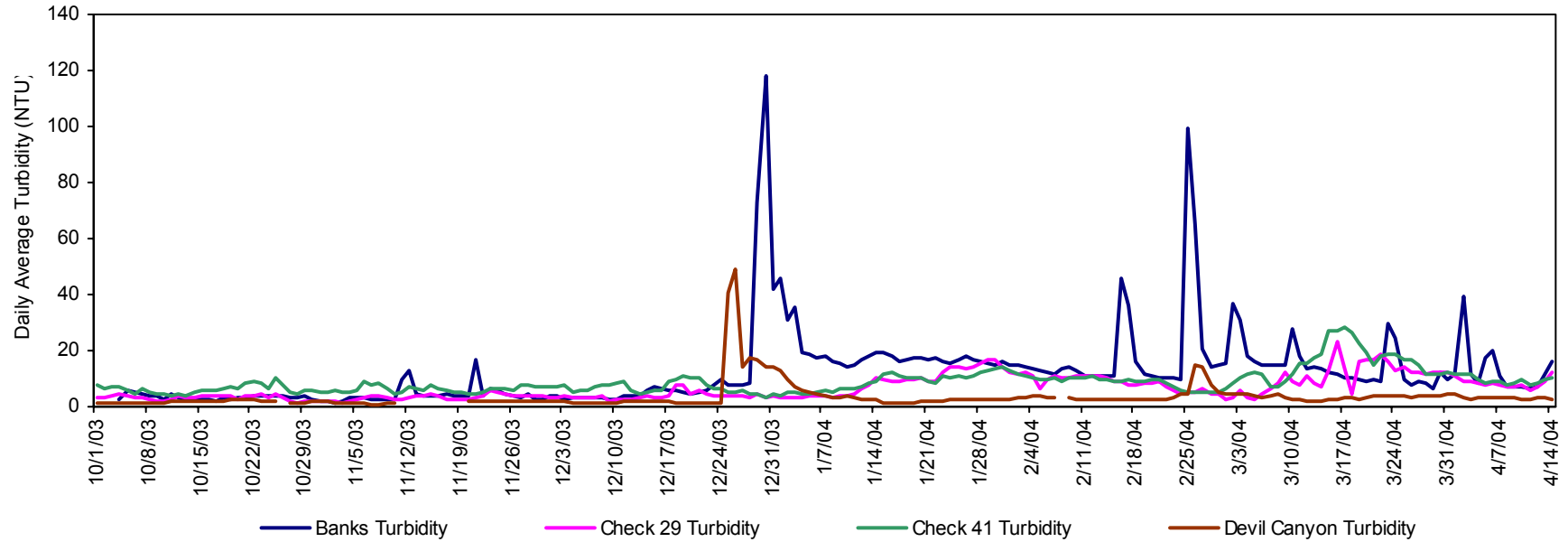
California Aqueduct - Calculated Bromide



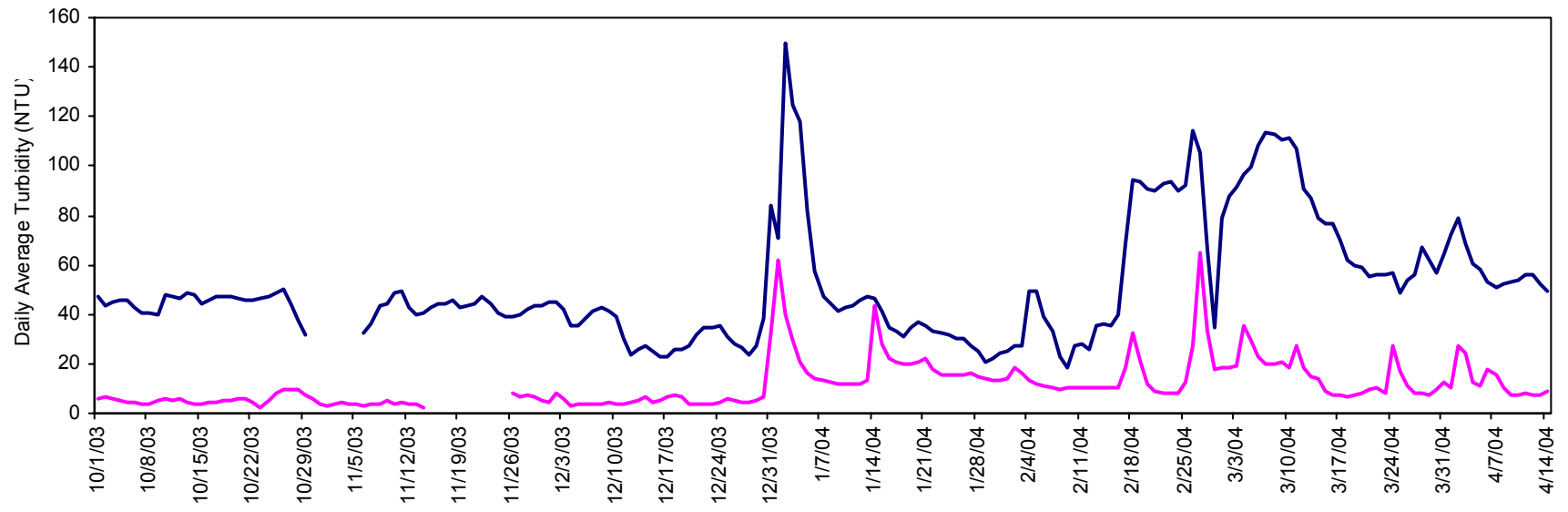
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct
Calculated Dissolved Organic Carbon

